

Product datasheet for **SC211542**

KLC2 (NM_022822) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: KLC2 (NM_022822) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: KLC2
ACCN: NM_022822
Insert Size: 934 bp
Insert Sequence: >SC211542 3'UTR clone of NM_022822

The sequence shown below is from the reference sequence of NM_022822. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTCTCCCGACGAAGCTCCCTGGTGGGCTAATGTCTGAAGGGGCGAGCCAGTCACCAGAGCGCCACCTGGC
ACACCCCTCACCCAGCCCTGCGCATGGGCCTGCTGCTTGCCCGCTGTCTCTCCACAGCCCTG
TCTTTTCTGTTCAATCTCAGGGTAACCTTCTCCCTTGTCATCTCAGCCTGAGCCCTGGAGCTGGGCCT
GCCCACTCCAGCTCCATCCCTTATTTATTCCTTCCAGCAGGGCCCTCTTCCCTAGGTTGGGGCCAGCAG
GAGGTGCCGGCTGGAGTCTCCACCATAGACTCAGTGGCCTGGCCTCCCCAGACCCAGAGCCAAGAACA
CTAAGCACTCGCCGGCCCTTCGGCACCTCGCCCTCCCTCCCGACTCAACCCGGCCGTTGCTTCTGTAT
ATAGAGAAATAAGTTATTGGCCGCGCCCTCCCTCAGTCCACGGTACTACCCGGCCCTCCCTCGTCC
CTCTTCTAGTGGTACCGCCAGGCCTTAATCACCCCAATCCGTGCGGTGGTATCTCCAGGCTCTACA
TTCTCGGGAGCGGCCTCCCAAGGGGGTCTGGGACCTTCTCGCGCTCCTCTGGCCTCTGAGGGATG
CGTCTACCCGCGCCATCGCCCGTGGCCAGGACGGGGACCTCCCTTAGTCCGTCTCCACCCGCG
GGCCCTGCCCCGATCCCGGCCTTATGCACTGCCCTCCACCCGCCCCGCCAGGACGCGCCGACCC
CGCCCCGGGCACCGCCACCGAGCCATCTGCCTCGCCTCCCCCACGCCTGCAGTTCTCGCGAGGGG
CGGCGACGGTCCCTGGTGGCAGGAGGGCTCCCCCTGTTGCGGGTGAGGCGGCTGCTCTCATATTTTC
AGATGTTGCTGTAGAAATAAAGACGGTTTAAATCTGA
ACGCGTAAGCGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).



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Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_022822.3</u>
Summary:	The protein encoded by this gene is a light chain of kinesin, a molecular motor responsible for moving vesicles and organelles along microtubules. Defects in this gene are a cause of spastic paraplegia, optic atrophy, and neuropathy (SPOAN) syndrome. [provided by RefSeq, Mar 2016]
Locus ID:	64837
MW:	33.1